

Workshop

Imaging the cultural dynamics in the transition zones with geoinformatics

Thursday, January 30th, 2025

Institute for Mediterranean Studies, Nik. Foka 130, Rethymno, Crete, Greece

Program

Time	Presentation	Presenter
09:00-09:20	Registration	
09:20-09:30	Welcome and outline the objectives of the workshop	Nikos Papadopoulos
09:30-09:50	An overview of geoinformatics methods for archaeological prospection in shallow water contexts	Nikos Papadopoulos
09:50-10:10	Drones and Novel Airborne Sensors: Advancing Spatiotemporal Mapping of Environmental Phenomena to Cultural Landscapes	Apostolos Papakonstantinou
10:10-10:30	Integration of shallow water and terrestrial topography: processing and interpretation of ALS/ALB datasets	Michael Doneus & Nives Doneus (on line)
10:30-10:50	Satellite based remote sensing applications for shallow submerged sites	Nasos Argyriou
10:50-11:10	Coffee Break	
11:10-11:30	Electromagnetic Induction Surveys in coastal regions	Jeroen Verhegge & Philippe De Smedt
11:30-12:00	Geophysical and Archaeological Prospection methods in the intertidal mudflats of the Wadden Sea (North Frisia, Germany)	Dennis Wilken & Bente Majchczack
12:00-12:20	High-resolution and large area lacustrine prospection (focus on shallow water applications)	Immo Trinks
12:20-14:30	Lunch	
14:30-14:50	Overview of geoarchaeological underwater surveys in Crete (case-oriented)	Theotokis Theodoulou
14:50-15:10	Archaeological investigations in shallow marine environments: Examples from the Mediterranean and the uBlueTec approach	Kalliopi Baika (on line)
15:10-15:30	Near and under water: use of hydrography and geophysics for preventive archaeological studies at Inrap	Souen Fontaine, Guillaume Hulin, François-Xavier Simon, Alex Sabastia
15:30-16:00	Applications of robotics for deep water prospection	Øyvind Ødegård
16:00-16:30	Discussion	
20:00-23:00	Dinner	